

1611 U.S. PTO  
021104

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under  
37 CFR 1.53(b))

Attorney Docket No.	UMI-355
First Inventor	Kim C. Hardee
Title	SENSE AMPLIFIER POWER-GATING TECHNIQUE FOR INTEGRATED CIRCUIT MEMORY DEVICES AND THOSE DEVICES INCORPORATING EMBEDDED DYNAMIC RANDOM ACCESS MEMORY (DRAM)
Express Mail Label No.	EV331753732US

APPLICATION ELEMENTS	Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
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|---|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form<br>(submit an original and a duplicate for fee processing)  | 6. <input type="checkbox"/> Application Data Sheet. (See 37 CFR 1.76)  |
| 2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27  | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table<br>or Computer Program (Appendix)                   |
| 3. <input checked="" type="checkbox"/> Specification [ total pages 25 ]<br>(preferred Arrangement set forth below)  | 8. Nucleotide and/or Amino Acid Sequence Submission<br>(if applicable, all necessary)                                    |
| - Descriptive title of the Invention  | a. <input type="checkbox"/> Computer Readable Form   |
| - Cross References to Related Applications  | b. <input type="checkbox"/> Specification Sequence Listing on:   |
| - Statement Regarding Fed sponsored R&D   | i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or  |
| - Reference to sequence listing, a table, or a<br>computer program listing appendix   | ii. <input type="checkbox"/> paper   |
| - Background of the Invention   | c. <input type="checkbox"/> Statements verifying identity of above copies  |
| - Brief Summary of the Invention  |  |
| - Brief Description of the Drawings   |  |
| - Detailed Description  |  |
| - Claim(s)  |  |
| - Abstract of the Disclosure  |  |
| 4. <input checked="" type="checkbox"/> Drawing(s) [ total sheets 4 ]  |  |
| 5. <input checked="" type="checkbox"/> Oath or Declaration [ total pages 2 ]  |  |
| a. <input checked="" type="checkbox"/> Newly executed (original or copy)  | 9. <input type="checkbox"/> Assignment Papers (coversheet/document(s))   |
| b. <input type="checkbox"/> Copy from prior appl. (37 C.F.R. § 1.63(d))<br>(for continuation/divisional with Box 18 completed)  | 10. <input type="checkbox"/> 37 CFR. 3.73(b) Statement <input checked="" type="checkbox"/> Power of<br>Attorney          |
| i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting<br>inventor(s) named in prior application,<br>see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). | 11. <input type="checkbox"/> English Translation Document  |
|   | 12. <input type="checkbox"/> IDS & Form PTO/SB/08A <input type="checkbox"/> Copies of IDS<br>Citations                   |
|   | 13. <input type="checkbox"/> Preliminary Amendment   |
|   | 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)   |
|   | 15. <input type="checkbox"/> Certified Copy of Priority Document(s)  |
|   | 16. <input type="checkbox"/> Nonpublication Request Under 35 USC<br>122(b)(2)(B)(i).Applicant must attach form PTO/SB/35 |
|   | 17. <input checked="" type="checkbox"/> Other: Certificate of Mailing by Express Mail                                    |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: / \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number 25235	or <input type="checkbox"/> Correspondence address below		
Name			
Address			
City	State	ZIP	
Country	Telephone	Fax	

Name (Print/Type)	William J. Kubida	Registration No.	29,664
(Signature)			Date 11 February 2004

021104

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1212.00)

## Complete if Known

Application Number -----

Filing Date Herewith

First Named Inventor Kim C. Hardee

Examiner Name

Group / Art Unit

Attorney Docket No. UMI-355

## METHOD OF PAYMENT (check all that apply)

check  credit card  money order  other  none  
 Deposit Account

Deposit Account Number 50-1123

Deposit Account Name Hogan &amp; Hartson L.L.P.

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
770	385	Utility Filing Fee	770.00
340	170	Design filing fee	
530	265	Plant filing fee	
770	385	Reissue filing fee	
160	80	Provisional filing fee	
SUBTOTAL (1) (\$ 770.00)			

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
35	-20**= 15	X 18 = 270	
5	-3**= 2	X 86 = 172	

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
18	9	Claims in excess of 20
86	43	Independent claims in excess of 3
290	145	Multiple dependent claim, if not paid
86	43	**Reissue independent claims over original patent
18	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$ 442.00)		

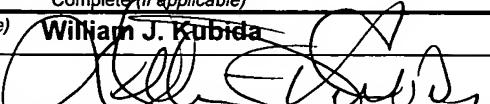
## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	For filing a request for ex parte reexamination	
920*	920*	Requesting publication of SIR prior to Examiner action	
1,840*	1,840*	Requesting publication of SRI after Examiner action	
110	55	Extension for reply within first month	
420	210	Extension for reply within second month	
950	475	Extension for reply within third month	
1,480	740	Extension for reply within fourth month	
2,010	1,005	Extension for reply within fifth month	
330	165	Notice of Appeal	
330	165	Filing a brief in support of an appeal	
290	145	Request for oral hearing	
1,510	1,510	Petition to institute a public use proceeding	
110	55	Petition to revive - unavoidable	
1,330	665	Petition to revive - unintentional	
1,330	664	Utility issue fee (or reissue)	
480	240	Design issue fee	
640	320	Plant issue fee	
130	130	Petitions to the Commissioner	
50	50	Processing fee under 37 CFR 1.17(q)	
180	180	Submission of Info Disclosure Stmt	
40	40	Recording each patent assignment per property (times number of properties)	
770	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
770	385	For each additional invention to be examined (37 CFR § 1.129(b))	
770	385	Request for Continued Examination	
900	900	Request for expedited examination of a design application	
Other fee (specify) .....			
*Reduced by Basic Filing Fee Paid			SUBTOTAL (3) (\$ .00)

## SUBMITTED BY

Complete if applicable

Name (Print/Type) William J. Kubida	Registration No. (Attorney/Agent) 29,664	Telephone (719) 448-5900
Signature 	Date 	

EXPRESS MAIL NO. EV331753732US

Attorney Docket No. UMI-355

Client/Matter No. 80450.0086

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kim C. Hardee

Serial No. \_\_\_\_\_

Filed: Herewith

For: SENSE AMPLIFIER POWER-GATING TECHNIQUE FOR INTEGRATED CIRCUIT MEMORY DEVICES AND THOSE DEVICES INCORPORATING EMBEDDED DYNAMIC RANDOM ACCESS MEMORY (DRAM)

CERTIFICATE OF MAILING BY EXPRESS MAIL

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the following documents:

1. Utility Patent Application Transmittal;
2. Fee Transmittal and \$1,212 filing fee;
3. Utility Patent Application- 16 pgs. Spec, 8 pgs. Claims, 1 pg. Abstract;
4. Executed Declaration for Utility Patent Application;
5. 4 sheets of drawings;
6. Return postcard; and
7. Certificate of Mailing By Express Mail

relating to the above application, were deposited as "Express Mail", Mailing Label No. EV331753732US, with the United States Postal Service, addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

11 February 2004  
Date

11 February 2004  
Date

Mailer

William J. Kubida, Reg. No. 29,664

HOGAN & HARTSON LLP

One Tabor Center

1200 17th Street, Suite 1500

Denver, Colorado 80202

(719) 448-5909 Tel

(303) 899-7333 Fax